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GenCore version 4.5
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nucleic search, using sw model . OM nucleic

February 4, 2000, 09:57:12; Search time 77.23 Seconds (without alignments) 3991.215 Million cell updates/sec Run on:

US-08-973-815-1 2661 Title: Perfect score:

Sequence:

IDENTITY\_NUC Scoring table:

residues 207703 segs, 57918364 Searched:

Issued\_Patents\_NA:\*

ase:

415406 Number of hits that pass the threshold 0 Word size :

/cgn2\_6/prodata/1/ina/5A\_COMB.seq:\*
/cgn2\_6/prodata/1/ina/5B\_COMB.seq:\*
/cgn2\_6/prodata/1/ina/5D\_COMB.seq:\*
/cgn2\_6/prodata/1/ina/5D\_COMB.seq:\*
/cgn2\_6/prodata/1/ina/PCTUS9\_COMB.seq:\*
/cgn2\_6/prodata/1/ina/PCTUS9\_COMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

		Description	Sequence 1, Appli		'n	'n	H	7	Sequence 13, Appl	14,	15,	20,	21,	22,	1, 1	100	20,	21,	22,	33,	33,	10,	10,	43,	5,	'n	,	,	7,	'n	7	4,	3,	12,	Sequence 12, Appl
		Descr	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedn	Sedin	Sedu	Sedn	Sedin	Sedn	Sedn	Sedn	Sedn	Sedin	Sedn	Sedin	Sedn	Sedn	Sedu	Sedn	Sedn	Sedn
		ID	US-08-468-012A-1	US-08-640-765A-2	US-07-895-300A-2	PCT-US93-05136-2	PCT-US93-10519-1	US-08-458-367-2	US-08-491-988-13	US-08-491-988-14	US-08-491-988-15	US-08-724-394A-20	US-08-724-394A-21	US-08-724-394A-22	US-08-323-443B-1	US-08-687-080-105	US-08-724-394A-20	US-08-724-394A-21	US-08-724-394A-22	US-08-888-497-33	PCT-US94-07926-33	₹	PCT-US95-07201-10	PCT-US95-07201-43	US-08-629-939-5	US-08-759-873-5	US-07-914-281-7	US-08-393-246-7	US-08-525-058A-7	US-08-694-915-5	US-08-696-731-7	PCT-US91-00899-4	US-08-206-176-3	۲	PCT-US95-07201-12
		B	ю	7	Н	S	'n	7	*	4	4	m	m	m	Н	4	m	m	m	4	'n	٣	S	'n	<b>—</b>	ч	-	-	~	7	4	'n	-	m	S
		Match Length DB	1055	1208	1039	1039	1039	1039	1648	1624	1615	246240	246240	246240	31571	13158	246240	246240	246240	15328	15328	7210	7210	22481	320	320	3647	3647	3647	3742	3647	3647	8878	3267	3267
dР	Query	Match	39.3	5.7	5.5	5.5	5.5	5.5	4.1	4.1	4.1			•	2.4	2.4	2.3	2.3	2.3	•	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
		Score	1045.4	151.2	147.6	147.6	147.6	146	109.8	109.8	109.8	9.69	9.69	9.69	65	63.8	62.2	62.2	62.2	ä	ä	ä	61.2	61.2	8.09	8.09	9.09	9.09	9.09	9.09	9.09	9.09	60.4	60.4	60.4
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Gaps

Score 1045.4; DB 3; Length 1055; Pred. No. 2.4e-245; 0; Mismatches 6; Indels 0;

Query Match 39.3%; Best Local Similarity 99.4%; Matches 1049; Conservative (

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 06-MAY-1996
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6239518
FLING DATE: 06-SEP-1994
CLASSIFICATION: 435
ATTOREX/AGENT INFORMATION:
NAME: Green, Robert F.
REGISTRATION NUMBER: 27555

CORRESPONDENCE ADDRESS:
ADDRESSEE: Leydig, Voit & Mayer
STREET: Two Prudential Plaza, Suite 4900

CITY: Chicago STATE: Illinois COUNTRY: USA ZIP: 60601

NUMBER OF SEQUENCES:

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          TGTGTACTTCTATCGGTCACACAAAACACGGTCCTGAGTTCCTACGTGTACAACGATGA
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964 AGGTGGTAGACTCTTCCGGCAGCGCCATCCCCCTCCTGCTTCGAGAACTCAATCGA---T 1020
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
ATACOMA Green, MAME: Green, MAME: Green, MAME: RESTRATION NUMBER: 2,3362
REFERENCE/DOCKET NUMBER: 73362
TELECOMUNICATION INFORMATION:
TELEPHONE: (312) 616-5700
TELEFAX: (312) 616-5700
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1208 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 53.1
Matches 452; Conservative
                                                                                                                                                                                                                                                                              MOLECULE TYPE: CDNA
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                                                                                                                                                                                                                                                                                                                    ; NAME/KEY: CDS
; LOCATION: 12..
US-08-640-765A-2
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NOVEL DEOXYRIBONUCLEASE

Sequence 2, Application US/08640765A Patent No. 5821103 GENERAL INFORMATION: Sei-ichi APPLICANT: Tanuma, Sei-ichi TITLE OF INVENTION: NOVEL DEOXYR.

RESULT 2 US-08-640-765A-2

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1189 TCTCTTTGCCCAGCAATGTCCTTCCCAGCCTGGTGTTGGTCCCGCTGCACACCACTCCTA 1248
                                                                1249 AGGCCGTAGAGAAGGAGCTGAACGCCCTCTACGATGTGTTTCTGGAGGTCTCCCAGCACT 1308
                                                                                                                                   GGCAGAGCAAGGACGTGATCCTGCTTGGGGACTTCAATGCTGACTGCGCTTCACTGACCA 1368
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                 682 ACCAAGAGGACACCACGGTCAAGAAGAGCACCAGCTGTGCCTATGACAGGATTGTCGTTC 741
                                                                                                                                                                                                                                                                                                                                                                            742 GCGGACAAGAGATAGTCAACTCTGTGGTTCCCCGCTCCAGTGGCGTCTTTGACTTTCAGA 801
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                                                                                     1543 CGAGCTTCCAGCTCACCGAGGAGGAGGCCCT---CAACATCAGTGACCACTACCCCGTGG
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COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTTWARE: patin (Genentech) CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/07/895,300A FILING DATE: 19920608
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/07895300A
Patent No. 5279823
GENERAL INFORMATION:
APPLICANT: Shire, Steven J.
APPLICANT: Slike, Steven J.
TITLE OF INVENTION: PURIFIED FORMS OF DNASE
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
STATE: South San Francisco
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Hensley, Max D.
REGISTRATION NUMBER: 27,043
REFERENCE/DOCKET NUMBER: 747
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELERA: 415/952-9881
TELEX: 910/311-7168
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AGGTGGAGCTGA 1611
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US-07-895-300A-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   449 GCTATAAGGAGGGCTACCTGTTCGTGTACAGGCCTGACCAGGTGTCTGCGGTGGACAGCT
                                                                                                                       Query Match 5.5%; Score 147.6; Ub 1, Best Local Similarity 53.0%; Pred. No. 5e-27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Genentech, Inc.
TITLE OF INVENTION: PURIFIED FORMS OF DNase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application PC/TUS9305136 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1594 CCGTGGAGGTGGAGCTGAAG 1613
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                     STRANDEDNESS: single
NUCLEIC ACID
                                             ; TOPOLOGY: linear
US-07-895-300A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 4
PCT-US93-05136-2
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SOFTWARE: patin (Genertech)
CURRENT APPLICATION DATA: **
APPLICATION NUMBER: PCT/US93/10519
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: Callfornia
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1594 CCGTGGAGGTGGAGCTGAAG 1613
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TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 1039 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Johnston, Sean A. REGISTRATION NUMBER: 35, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 5.5
Best Local Similarity 53.0
Matches 424; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 1039 bases
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: linear
PCT-US93-10519-1
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PCT-US93-10519-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 27; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     569 TIGICAGGIICITCICCCGGIICACAGAGGICAGGGAGIIIGCCAIIGIICCCCIGCAIG
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53.0%; Pred. No. 5e-27;
tive 0; Mismatches 349;
                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                 PCT/US93/05136
                CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCI/US9
FILING DATE: 19930528
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Matches 424; Conservative
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1039 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                    ZIP: 94080
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PCT-US93-05136-2
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Best Local S
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Sequence 1, Application PC/TUS9310519
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
TITLE OF INVENTION: Compaction Assay for Assessment of Respiratory Disease
TITLE OF INVENTION: Therapy
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                           1479
1480 TCGTGCTGCACGGGGAGCGCTGCCGGAG-----TCTGCTGCACACTGCGGCTGCCTTTG 1533
                                                                                                                                                                                                                                                                                                                                                      1534 ACTICCCCACGAGCTICCAGCTCACCGAGGAGGAGGCCCTCAACAICAGIGACCACIACC 1593
                                                                                                                                                                                                    Gaps
                                                                                                                                749 ATGTGAGACCCTCCCAGTGGTCATCCATCCGCCTGTGGACAAGCCCCACCTTCCAGTGGC
                                                                                                                                                                           1420 TGATTGCCGATGGGGAGGACACCACAGTGCGGGCCAGCACCCACTACGCCCTATGACCGCG
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Pred. No. 5e-27;
0; Mismatches 349;
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2IP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
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TGCTGCAGGAGGTGGTAGACTCTTCCGGCAGCGCCATCCCCCTCCTGCTTCGAGAACTCA 1014
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ATGGGGCCCAGGCCTTTCGCATCTGCGCCTTCAATGCCCAGCGGCTGACACTGGCCAAGG 894
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US-08-458 367-2
Sequence 2, Application US/08458367
Sequence 2, Application US/08458367
GENERAL INFORMATION:
APPLICANT: Frenz, John
APPLICANT: Shire, Steven J.
APPLICANT: Slivkowski, Mary B.
TILLE OF INVENTION: PURIFIED FORMS OF DNA:
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1594 CCGTGGAGGTGGAGCTGAAG 1613
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1015 ATCGATTTGATGGCTCTGGGCCCTACAGCACCTGAGCAGCCCCCCAGCTGGGGCGCAGCA 1074
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52.9%; Pred. No. 1.2e-26;
tive 0; Mismatches 350; Indels
ZIP: 94080
COMPUTER READABLE FORM:
MEDIOM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,367
FILIKG DATE: 02-Jun-1995
                                                                                                                                                                                                 CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/409631
FILING DATE: 22-Mar-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/348284
FILING DATE: 30-No. 5783433-1994
PRIOR APPLICATION NUMBER: 08/116186
FILING DATE: 02-Sep-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/895300
FILING DATE: 08-Jun-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      35,910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1039 base pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION TELEPHONE: 415/225-3562 TELEFAX: 415/952-9881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Johnston, Sean A. REGISTRATION NUMBER: 35, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 52.99
Matches 423; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: Linear
US-08-458-367-2
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1014

1180 TGGCCCAGTTCTCTTTGCCCAGCAATGTCCTTCCCAGCCTGGTGTTGGTCCCGCTGCACA 1239

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569 TIGFCAGGITCTFCTCCCGGFTCACAGAGGTCAGGGAGTTFGCCATTGTTCCCCTGCATG 628

1135 ACGTGTACAACGAT------GAGGATGACGTCTTTGCCCGGGAGCCATTTG 1179

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                                                                                                                                                                                                                           1300 CCCAGCACTGGCAGAGCAAGGACGTGATCCTGCTTGGGGACTTCAATGCTGACTGCGCTT
                                                               689 AAGAGAAATGGGGCTTGGAGGACGTCCATGTTGATGGGCGACTTCAATGCGGCTGCAGCT
                                                                                                                                                              749 ATGTGAGACCCTCCCAGTGGTCATCCATCCGCCTGTGGACAAGCCCCACCTTCCAGTGGC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: MCAULAY NISSEN GOLDBERG KIEL & HAND, LLP
STREET: 261 MADISON AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 10016-2391
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: VEROLICATION DATA:
APPLICATION NUMBER: US/08/491,988
FILING DATE: 18 -DEC-1995
TARCTFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: EPENETOS, AGAMEMNON A.
APPLICANT: SPOONER, ROBERT A.
APPLICANT: DEONARAIN, MAHENDRA
TITLE OF INVENTION: Compounds for targeting
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4.1%; Score 109.8; 52.5%; Pred. No. 9.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 13, Application US/08491988
Patent No. 5973116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: GOLDBERG, JULES E.
REGISTRATION NUMBER: 24,408
TELEPCOMMUNICATION INFORMATION:
TELEPHONE: 212-986-4090
                                                                                                                                                                                                                                                                                                                                                                                                                                                1594 CCGTGGAGGTGGAGCTGAAG 1613
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGIH: 1648 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 212-818-9479 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; HYPOTHETICAL:
US-08-491-988-13
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Best Local S:
Matches 374
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980 CGCCAGCGCCATCCCCCTCCTGCTTCGAGAACTCCAATCGATTGATGGCTCTGGGCCCTA 1039
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                                    920 CTTAGTTCGGATACTGGCTCGCTGTGACATCATGGTGCTGCAGGAGGTGGTAGACTCTTC 979
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APPLICANT: EPENETOS, AGAMEMNON A.

APPLICANT: SPOONER, ROBERT A.

APPLICANT: DEONARAIN, MAHENDRA

TITLE OF INVENTION: Compounds for targeting
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:

ADDRESSEE: MCAULAY NISSEN GOLDBERG KIEL & HAND, STREET: 261 MADISON AVENUE
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 14, Application US/08491988 Patent No. 5973116
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COMPUTER READABLE FORM:
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US-08-491-988-14
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STATE:
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SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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Gaps

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Mismatches

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Conservative

Similarity

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                                                                                                                                                                                                                                                                                                                                                                                                   Length 1624;
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                                                                                                                                                                                                                                                                                                                                                                                                 Score 109.8; DB 4;
Pred. No. 9.4e-18;
0; Mismatches 312;
APPLICATION NUMBER: US/08/491,988
                                CLASSIFICATION: 424
ATORNEY/AGENT INFORMATION:
NAME: GOLDBERG, JULES E.
REGISTRATION NUMBER: 24,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-986-4090
TELEPRAX: 212-818-9479
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 52.5%;
Matches 374; Conservative
                  FILING DATE: 18-DEC-1995
                                                                                                                                                                                                                     LENGTH: 1624 base pairs
                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
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18-491-988-14
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980 CGGCAGCCCCATCCCCCTCCTGCTTCGAGAACTCAATCGATTTGATGGCTCTGGGCCCTA 1039
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                                                                                        APPLICANT: EPENETOS, AGAMEMNON A.
APPLICANT: SPOONER, ROBERT A.
APPLICANT: DEONARAIN, MAHENDRA
TITLE OF INVENTION: Compounds for targeting
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: MCAULAY SESSE GOLDBERG KIEL & HAND, LLP
STREET: 261 MADISON AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 109.8; DB 4;
Pred. No. 9.4e-18;
0; Mismatches 312;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 15, Application US/08491988 Patent No. 5973116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: GOLDBERG, JULES E.
REGISTRATION NUMBER: 24,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-986-4090
TELEFAX: 212-818-9479
                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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SEQUENCE CHARACTERISTICS:
LENGTH: 1615 base pairs
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illarity 52.5%;
Conservative (
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FILING DATE: 18-DEC
CLASSIFICATION: 424
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Best Local Similarity
Matches 374; Conserva
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10016-2391
                                                                  GENERAL INFORMATION:
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US-08-491-988-15
                                                                                                                                                                                                                                                                             NEW YORK
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                                                                                                                                                                                                                                                                           CITY: NEW
STATE: NY
COUNTRY:
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US-08-491-988-15
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APPLICANT:
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                                 1445 AGTGCGGGCCAGCACCACTGCACCTATGACCGGGGGTGCTGCTGCAGGGGGAGCGCTGCC 1503
1434 CG---CTACTAGTACCAACTGCGCTTACGACCGTATGTTGTTGTTGCTGGATCCTGCTGCT 1490
                                                                                                                                                                                                                                                                                        1254 AATCAACTCTCTGTACGACGTTTACCTGGACGTTCAGCAGAAATGGCACCTGAACGACGT 1313
                                                                                                              1385 GCTGGAGCTGCGGACCTGCCGTCCACTGGGTGATGCCGATGGGGAGGACACCAC 1444
                                                                                                                                                    1374 GATTCGTCTGCGCACCTCGTCGACCTTCCAGTGGCTGATCCCGGACTCCGCTGACACCAC 1433
                                                                                                                                                                                                                                                                  1504 GGAGTCTGCTGCAC----ACTGCGGCTGCCTTTGACTTCCCCAGGTTCCAGCTTCAAC
                                                                                                                                                                                                                                                                                                                                                                 1559 CGAGGAGGAGGCCCTCAACATCAGTGACCACTACCCCGTGGAGGTGGAGCTGA 1611
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Megabase Transcript Map: No. 5872237e1
Sequences and Antibodies Thereto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA PAPLICATION NUMBER: US/08/724,394A FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEE: TOWNSEND and TOWNSEND and CREW LLP: Two Embarcadero Center, 8th Floor San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: 1.246240
OTHER INFORMATION: /note- "HLA-H.CONTIG"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                017957-000100
                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 10
US-08-724-394A-20/C
; Sequence 20, Application US/08724394A
---nt No. 5872237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Fitts, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 0179;
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Thomas, Winston
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
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not relevant
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Ruddy, David A.
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
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                                            Gaps
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                                                                                    1 CTTGAACGCCTGACCTCGTATCCACCCGCCTCAGCCTCCCAAAGTGCTGGGATTACAGGC 60
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Score 69.6; DB 3; Length 246240;
Pred. No. 4.7e-07;
0; Mismatches 24; Indels 0;
                                                                                                     Length 246240;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Wolff, Roger K.

TITLE OF INVENTION: Megabase Transcript Map: No. 5872237e1

TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
                                                                                                                                                                                            61 ATGAGCCACCACGCCCAGACTTTATTGATTTTTAAAATTTGT 108
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APPLICATION NUMBER: US/08/724,394A FILING DATE: 01-OCT-1996 CLASSIFICATION: 536 CLASSIFICATION: ATTONNEY/AGENT INFORMATION:
NAME: Fitts, Renee A. REGISTRATION NUMBER: 35,136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 69.6; DB 3;
Pred. No. 4.7e-07;
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CITY: San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           017957-000100
                                                                                                                                                                                                                                                                                                            Sequence 21, Application US/08724394A Patent No. 5872237 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Tsuchihashi, Zenta
Wolff, Roger K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 415-576-0200
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not relevant
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Lauer, Peter M.
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INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 246240 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.6%;
    Query Match 2.6%;
Best Local Similarity 77.8%;
Matches 84; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                       David A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                            Feder, John N.
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Matches 84; Conservative
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COMPUTER READABLE FORM:
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STRANDEDNESS: not r
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Ruddy,
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APPLICANT:
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APPLICANT:
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COUNTER: USA
ZIP: 10022
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
COFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                            APPLICANT: LANDES, GREGORY M.
APPLICANT: BORN, TIMOTHY C.
APPLICANT: BORN, TIMOTHY C.
APPLICANT: GREMINO, GREGORY
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINO, GREGORY
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
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APPLICATION NUMBER: US/08/323,443B
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
                Sequence 1, Application US/08323443B
Patent No. 5654170
                                                              GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Lidwig, S. Peter
REGISTRATION NUMBER: 25,351
REFERENCE/DOCKET NUMBER: 03
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INTERPHONE: (212) 527-7700
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 31571 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHEFICAL: NO
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Best Local Similarity 83.1%;
Matches 74; Conservative
                                                                                                                                                                                                                                                                                                           ADDRESSEE: Darby & Darby STREET: 805 Third Avenue CITY: New York
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CLONE: PKD1 GENOMIC
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ORGANISM: Hom
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US-08-687-080-105
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Db 197200 CTCAAACTCCTGACCTTGTGACCACCCGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGG 197141
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APPLICANT: Lauer, Peter M.
APPLICANT: Lauer, Peter M.
APPLICANT: Thomas, Winston
APPLICANT: Thomas, Winston
APPLICANT: Thomas, Winston
APPLICANT: Worlf, Roger K.
TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: TWO Embarcadero Center, 8th Floor
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                                           61 AIGAGCCACCACGCCCAGCCCATAATITATIGATITITAAAATITGT 108
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COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,394A
FILING DATE: 01-077-1996
FILING DATE: 01-077-1996
FILING DATE: 01-077-1996
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Pred. No. 4.7e-07;
0; Mismatches 24;
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LOCATION: 1..246240
OTHER INFORMATION: /note= "HLA-H.CONTIG"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/ACENT INFORMATION:
NAME: Fitts, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 017957-000100
TELECOMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
                                                                                                                                                                                               Sequence 22, Application US/08724394A Patent No. 5872237
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NFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
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TOPOLOGY: not relevant
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Best Local Similarity 77.8%;
Matches 84; Conservative (
                                                                                                                                                                                                                                                                    John N.
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APPLICANT: Feder,
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1696 ATCTGCCCGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCACCACCCCGGC 1755 Gaps 20 ATCCACCGCCTCAGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCACGCCAGC Sequence 105, Application US/08687080
Patent No. 5965427
GENERAL INFORMATION:
APPLICANT: Gragory Dolganov
TITLE OF INVENTION: Human RAD50 Gene and Methods of Use Thereof
NUMBER OF SEQUENCES: 175
CORRESPONDENCE ADDRESS: ö Length 31571; Score 65; DB 1; Pred. No. 2.6e-06; 0; Mismatches 15

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match 2.4%; Score 63.8; DB 4; Length 13158; Best Local Similarity 85.5%; Pred. No. 3.5e-06; Matches 71; Conservative 0; Mismatches 12; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5' END OF INTRON 21 OF RAD50 GENOMIC SEQUENCE
                                                                                                 ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPOTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/687,080
FILING DATE: 17-JUL-1996
CLASSTEICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/592,126
FILING DATE: 26-JAN-1996
ATTORNEY/AGENT INFORMATION:
LAND. CELAIT.
                                                                                                                                                                                                                                                                                                                                                                                        NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REGISTRATION NUMBER: 4600-0111.30
TELECOMMUNICATION INFORMATION:
TELEPAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 13158 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
2: Dehlinger & Associates
350 Cambridge Avenue, Suite 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     383 CCTCATTTTTCTCTTTAAATA 405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           80 CCATAATTTATTGATTTTTAAA 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : INDIVIDUAL ISOLATE:
: INDIVIDUAL ISOLATE:
US-08-687-080-105
                                             Palo Alto
                                                                                      USA
                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT
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CURPUIEN: LED ET COMPGINES

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/724,394A

FILING DATE: 01-OCT-1996

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Fitts, Renee A.

REGISTRATION NUMBER: 017957-000100

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPRONE: 415-576-0200

INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:

LENGTH: 246240 base pairs

TYPE: nucleic acid STRANDEDNESS: not relevant TOPOLOGY: not relevant

MOLECULE TYPE:

COMPUTER: IBM PC COMPUTER:

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Search completed: February 4, 2000, 12:37:44 Job time: 9632 sec

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1;
                                                                                                                                                                                                                                          Db 75350 CTTGATCTCCTGACCTCGTGATTCACCCACTCAGCCTCCCCAAAGTGCTGGGATTACAGG 75409
                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                 1 CTIGAACGCCIGACCICGI-AICCACCCGCCICAGCCICCCAAAGIGCIGGGATIACAGG 59
                                                                                                                                   Score 62.2; DB 3; Length 246240;
Pred. No. 2.9e-05;
0; Mismatches 13; Indels 1;
                                                                                                                                                                                                                                                                                                                                 Db 75410 CGTGAGCACTGCACCCGCCTATACTTGATTAT 75444
: NAME/KEY: misc_feature
; LCGATION: 1..246240
; OTHER INFORMATION: /note- "HLA-H.CONTIG"
US-08-724-394A-20
                                                                                                                                                                                                                                                                                                      60 CATGAGCCACCACGCCCAGATTTATTGAT
                                                                                                                            Query Match 2.3%;
Best Local Similarity 85.3%;
Matches 81; Conservative
                                                                                                                                                                                                                                                                                                        ò
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E: TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor

STREET: TWO EMEASURED CITY: San Francisco

ADDRESSEE:

TITLE OF INVENTION: Megabase Transcript Map: No. 5872237e1
TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:

Sequence 20, Application US/08724394A
Petent No. 5872237
CENERAL INFORMATION:
APPLICANT: Feder, John N.
APPLICANT: Kronmal, Gregory S.
APPLICANT: Lauer, Peter M.
APPLICANT: Tauer, Peter M.
APPLICANT: Thomas, Winston
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.

US-08-724-394A-20